



Complete Summary

TITLE

Otitis media with effusion (OME): percentage of patient visits for those patients aged 2 months through 12 years with a diagnosis of OME with assessment of tympanic membrane mobility with pneumatic otoscopy or tympanometry.

SOURCE(S)

American Academy of Otolaryngology - Head and Neck Surgery Foundation, Physician Consortium for Performance Improvement®. Acute otitis externa (AOE)/otitis media with effusion (OME) physician performance measurement set. Chicago (IL): American Medical Association (AMA); 2007 Mar. 12 p. [2 references]

Measure Domain

PRIMARY MEASURE DOMAIN

Process

The validity of measures depends on how they are built. By examining the key building blocks of a measure, you can assess its validity for your purpose. For more information, visit the [Measure Validity](#) page.

SECONDARY MEASURE DOMAIN

Does not apply to this measure

Brief Abstract

DESCRIPTION

This measure is used to assess the percentage of patient visits for those patients aged 2 months through 12 years with a diagnosis of otitis media with effusion (OME) with assessment of tympanic membrane mobility with pneumatic otoscopy or tympanometry.

RATIONALE

Correctly diagnosing middle ear effusion is essential for proper management. Otitis media with effusion (OME) is often characterized by a cloudy tympanic membrane with distinctly impaired mobility which can best be determined with pneumatic otoscopy or tympanometry.

*The following clinical recommendation statements are quoted verbatim from the referenced clinical guidelines and represent the evidence base for the measure:

Clinicians should use pneumatic otoscopy as the primary diagnostic method for OME. OME should be distinguished from acute otitis media (AOM). Tympanometry can be used to confirm the diagnosis of OME. (American Academy of Family Physicians/American Academy of Ophthalmology-Head and Neck Surgery Foundation/American Academy of Pediatrics [AAFP/AAO-HNSF/AAP])

PRIMARY CLINICAL COMPONENT

Otitis media with effusion (OME); assessment of tympanic membrane mobility; pneumatic otoscopy; tympanometry

DENOMINATOR DESCRIPTION

All patient visits for those patients aged 2 months through 12 years with a diagnosis of otitis media with effusion (OME) (see the related "Denominator Inclusions/Exclusions" field in the Complete Summary)

NUMERATOR DESCRIPTION

Patient visits with assessment of tympanic membrane mobility with pneumatic otoscopy or tympanometry

Evidence Supporting the Measure

EVIDENCE SUPPORTING THE CRITERION OF QUALITY

- A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

NATIONAL GUIDELINE CLEARINGHOUSE LINK

- [Otitis media with effusion.](#)

Evidence Supporting Need for the Measure

NEED FOR THE MEASURE

Unspecified

State of Use of the Measure

STATE OF USE

Current routine use

CURRENT USE

Internal quality improvement
National reporting

Application of Measure in its Current Use

CARE SETTING

Physician Group Practices/Clinics

PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Physicians

LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Individual Clinicians

TARGET POPULATION AGE

Age 2 months through 12 years

TARGET POPULATION GENDER

Either male or female

STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

Characteristics of the Primary Clinical Component

INCIDENCE/PREVALENCE

Unspecified

ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

BURDEN OF ILLNESS

Unspecified

UTILIZATION

Unspecified

COSTS

Unspecified

Institute of Medicine National Healthcare Quality Report Categories

IOM CARE NEED

Getting Better

IOM DOMAIN

Effectiveness

Data Collection for the Measure

CASE FINDING

Users of care only

DESCRIPTION OF CASE FINDING

All patient visits for those patients aged 2 months through 12 years with a diagnosis of otitis media with effusion (OME)

DENOMINATOR SAMPLING FRAME

Patients associated with provider

DENOMINATOR INCLUSIONS/EXCLUSIONS

Inclusions

All patient visits for those patients aged 2 months through 12 years with a diagnosis of otitis media with effusion (OME)

Exclusions

- Documentation of medical reason(s) for not assessing tympanic membrane mobility with pneumatic otoscopy or tympanometry
- Documentation of patient reason(s) for not assessing tympanic membrane mobility with pneumatic otoscopy or tympanometry

RELATIONSHIP OF DENOMINATOR TO NUMERATOR

All cases in the denominator are equally eligible to appear in the numerator

DENOMINATOR (INDEX) EVENT

Clinical Condition
Encounter

DENOMINATOR TIME WINDOW

Time window is a single point in time

NUMERATOR INCLUSIONS/EXCLUSIONS**Inclusions**

Patient visits with assessment of tympanic membrane mobility with pneumatic otoscopy or tympanometry

Exclusions

None

MEASURE RESULTS UNDER CONTROL OF HEALTH CARE PROFESSIONALS, ORGANIZATIONS AND/OR POLICYMAKERS

The measure results are somewhat or substantially under the control of the health care professionals, organizations and/or policymakers to whom the measure applies.

NUMERATOR TIME WINDOW

Encounter or point in time

DATA SOURCE

Administrative data
Medical record

LEVEL OF DETERMINATION OF QUALITY

Individual Case

PRE-EXISTING INSTRUMENT USED

Unspecified

Computation of the Measure**SCORING**

Rate

INTERPRETATION OF SCORE

Better quality is associated with a higher score

ALLOWANCE FOR PATIENT FACTORS

Unspecified

STANDARD OF COMPARISON

Internal time comparison

Evaluation of Measure Properties

EXTENT OF MEASURE TESTING

Unspecified

Identifying Information

ORIGINAL TITLE

Measure #4 - otitis media with effusion: diagnostic evaluation - assessment of tympanic membrane mobility.

MEASURE COLLECTION

[The Physician Consortium for Performance Improvement® Measurement Sets](#)

MEASURE SET NAME

[Acute Otitis Externa \(AOE\)/Otitis Media with Effusion \(OME\) Physician Performance Measurement Set](#)

SUBMITTER

American Medical Association on behalf of the American Academy of Otolaryngology - Head and Neck Surgery (AAO-HNS) Foundation and the Physician Consortium for Performance Improvement®

DEVELOPER

American Academy of Otolaryngology - Head and Neck Surgery (AAO-HNS) Foundation
Physician Consortium for Performance Improvement®

FUNDING SOURCE(S)

Unspecified

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FINANCIAL DISCLOSURES/OTHER POTENTIAL CONFLICTS OF INTEREST

Conflicts, if any, are disclosed in accordance with the Physician Consortium for Performance Improvement® conflict of interest policy.

INCLUDED IN

Ambulatory Care Quality Alliance
Physician Quality Reporting Initiative

ADAPTATION

Measure was not adapted from another source.

RELEASE DATE

2007 Mar

MEASURE STATUS

This is the current release of the measure.

SOURCE(S)

American Academy of Otolaryngology - Head and Neck Surgery Foundation, Physician Consortium for Performance Improvement®. Acute otitis externa (AOE)/otitis media with effusion (OME) physician performance measurement set. Chicago (IL): American Medical Association (AMA); 2007 Mar. 12 p. [2 references]

MEASURE AVAILABILITY

The individual measure, "Measure #4 - Otitis Media with Effusion: Diagnostic Evaluation - Assessment of Tympanic Membrane Mobility," is published in "Acute Otitis Externa (AOE)/Otitis Media with Effusion (OME) Physician Performance Measurement Set." This document and technical specifications are available in Portable Document Format (PDF) from the American Medical Association (AMA)-convened Physician Consortium for Performance Improvement® Web site: www.physicianconsortium.org.

For further information, please contact AMA staff by e-mail at cqi@ama-assn.org.

NQMC STATUS

This NQMC summary was completed by ECRI Institute on January 16, 2008. The information was verified by the measure developer on February 18, 2008.

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